

REMARKS

Claims 2-13 and 15-22 are pending in this application. By this amendment, Applicant amends claims 2, 3, 5, 6, 8, 10, 13, 20 and 22.

The Examiner's indication that claim 7 is allowed is appreciated.

Furthermore, the courtesies extended by the Examiner in the telephone interview of August 27, 2002 are greatly appreciated. In the telephone interview, the Examiner indicated that all of the pending claims, except for claim 13, would be allowable if rewritten to overcome the rejections under 35 U.S.C. § 112, first and second paragraphs.

Claims 2-5, 8 and 9-12 were rejected under 35 U.S.C. § 112, first paragraph, for allegedly containing subject matter which was not described in the specification. Particularly, the Examiner alleged that "in claim 8, line 2, Applicant discloses that the coil is divided into at least three inductors then further in the claims Applicant discloses that coil is divided into at least four inductors." Applicant has amended claim 8 to recite that the coil is "divided into at least four inductors" to correct the informality noted by the Examiner. Accordingly, Applicant respectfully requests reconsideration and withdrawal of this rejection.

Claims 6, 15, 16, and 18-22 were rejected under 35 U.S.C. § 112, second paragraph, for allegedly being indefinite. Claims 6 and 20 have been amended in accordance with the telephone interview of August 27, 2002 to correct the informalities noted by the Examiner. Accordingly, Applicant respectfully requests reconsideration and withdrawal of this rejection.

Claims 13 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Mandai et al. (U.S. 5,436,601) in view of Fukuda et al. (U.S. 5,985,414).

Applicant has amended claim 13 to be dependent upon allowable claim 8. Accordingly, Applicant respectfully submits that claim 13 is allowable as indicated by the Examiner.

In view of the foregoing amendments and remarks, Applicant respectfully submits that Claims 6, 7, 8, and 20 are allowable over the prior art for the reasons described

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above. Claims 2-5, 9-13, 15-19, 21 and 22 are dependent upon claims 8 and 20, and are therefore allowable for at least the reasons that claims 8 and 20 are allowable.

In view of the foregoing Remarks, Applicant respectfully submits that this Application is in condition for allowance. Favorable consideration and prompt allowance are respectfully solicited.

The Commissioner is authorized to charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 50-1353.

Respectfully submitted,

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VERSION WITH MARKINGS SHOWING CHANGES MADE

2. The delay line according to claim 8, wherein the at least [three] four inductors are defined by a plurality of coil conductor patterns arranged on the same plane of the insulating layers of the laminated body.

3. The delay line according to claim 8, wherein each of the at least [three] four inductors has a coil axis that is substantially parallel with a laminating direction of the insulating layers of the laminated body, and winding directions of adjacent ones of the at least [three] four inductors are opposite to each other.

5. The delay line according to claim 8, wherein one of the plurality of capacitors is connected to an end of at least one of the at least [three] four inductors, and another of the plurality of capacitors is connected to another end of said at least one of the at least [three] four inductors, are located at different positions in a laminating direction of the insulating layers.

6. A delay line comprising:
a coil divided into at least three inductors; and
a laminated body including a plurality of insulating layers and at least three stages of low pass filters including said at least three inductors and a plurality of capacitors; wherein
the at least three inductors are defined by a plurality of coil conductor patterns arranged on the same plane of the insulating layers of the laminated body; and
a ratio of a vertical dimension to a lateral dimension of each of the coil conductor patterns is approximately 1.

8. A delay line comprising:
a coil divided into at least [three] four inductors; and
a laminated body including a plurality of insulating layers and at least [three] four stages of low pass filters including said at least [three] four inductors and a plurality of

capacitors[; wherein
the coil is divided into at least four inductors].

10. The delay line according to claim 2, wherein the insulating layers have a plurality of via holes for connecting the coil conductor patterns that define the at least [three] four inductors.

13. [A] The delay line [comprising:
a coil divided into at least three inductors; and
a laminated body including a plurality of insulating layers and at least three stages of low pass filters including said at least three inductors and a plurality of capacitors;] according to claim 8, wherein
the insulating layers include magnetic material.

20. A monolithic circuit array including a delay line comprising:
a coil divided into at least three lumped constant inductors; and
a plurality of insulating layers stacked on each other to define a monolithic laminated body, the laminated body including at least three stages of low pass filters defined by said at least three lumped constant inductors and a plurality of capacitors; wherein

the at least three lumped constant inductors are defined by a plurality of coil conductor patterns arranged on the same plane of the insulating layers of the laminated body; and

a ratio of a vertical dimension to a lateral dimension of each of the coil conductor patterns is approximately 1.

22. The monolithic circuit array according to claim 20, wherein the number of the plurality of capacitors is greater than the number of the lumped constant inductors.